

Title (en)
Rosin phenolic resin and uses related thereto

Title (de)
Phenol-Kolophonium-Harz und seine Vwendungen

Title (fr)
Résine phénol-colophane et ses utilisations

Publication
EP 1454932 B1 20161123 (EN)

Application
EP 04002595 A 20040205

Priority
• US 38407503 A 20030305
• US 65466103 A 20030903

Abstract (en)
[origin: EP1454932A1] Rosin modified phenolic resins are prepared by reacting together resin acid, fatty acid, tri- or higher-functional phenolic compound and aldehyde. The fatty acid may be Monomer (derived from the fatty acid dimerization process). The reaction mixture may optionally include alpha , beta -olefinically unsaturated carbonyl compounds and/or polyol. The resin may be dissolved in a solvent to form a varnish. The resin may be used as a component of printing inks, e.g., inks for lithographic or gravure printing.

IPC 8 full level
C09D 11/08 (2006.01); **C08G 8/32** (2006.01); **C08G 8/34** (2006.01); **C09D 11/10** (2006.01); **C09D 11/103** (2014.01)

CPC (source: EP KR)
C08G 8/32 (2013.01 - EP); **C08G 8/34** (2013.01 - EP KR); **C09D 11/08** (2013.01 - EP); **C09D 11/103** (2013.01 - EP)

Cited by
EP3378908A1; EP2573123A4; EP2402378A4; EP4006074A4; WO2018172034A1; US11591488B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1454932 A1 20040908; EP 1454932 B1 20161123; BR PI0408070 A 20060214; JP 2006520418 A 20060907; JP 4550045 B2 20100922; KR 20050115262 A 20051207; KR 20120088672 A 20120808; MX PA05009364 A 20051104; WO 2004078815 A1 20040916

DOCDB simple family (application)
EP 04002595 A 20040205; BR PI0408070 A 20040128; IB 2004000229 W 20040128; JP 2006506258 A 20040128; KR 20057016366 A 20050902; KR 20127006860 A 20040128; MX PA05009364 A 20040128